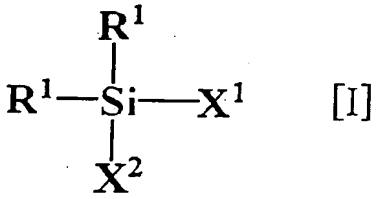
ABSTRACT

The present invention provides a highly durable packing material for liquid chromatography that is excellent in acidic resistance and alkalic resistance. Such a packing material for liquid chromatography can be obtained by chemically modifying silica gel with a bifunctional silane compound represented by the general formula [I], and carrying out an endcapping reaction of the resulting chemically modified silica gel using bifunctional cyclic silazane represented by the general formula [II]. In the formula [I], X^1 and X^2, the same or different, represent a hydrogen atom, a halogen atom or an alkoxy group having 1 to 4 carbon atoms; and R^1 represents an alkyl group or an aryl group, which can have substituent(s). In the formula [II], R^2 and R^3, the same or different, represent an alkyl group having 1 to 4 carbon atoms; and n represents a value indicating unit number that forms the ring, which is an integer of 2 to 10.



[I]